



Australian Government

FWPSAW3202 Produce sawn green boards

Release: 1

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Modification History

Release	Comment
1	Replaces equivalent unit FPISAW3202B Produce sawn green boards, which was first released with FPI11 Forest and Forest Products Training Package Version 2.2. This is the first release of this unit in the new standards format.

Application

This unit of competency describes the outcomes required to re-saw material to width and on the cant with sawing machinery to optimise timber conversion and usability. Work is completed in a forest products factory and includes operator maintenance.

The unit applies to Sawmilling Operator, Sawyer, or Benchman.

No licensing, legislative, regulatory, or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sawmilling and Processing

Elements and Performance Criteria

<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the range of conditions.</i>
1. Prepare for conversion	1.1 Review work order and where required check with appropriate personnel. 1.2 Select appropriate personal protective and other equipment and check for operational effectiveness. 1.3 Plan timber conversion and saw set-up in line with work order. 1.4 Acquire the type and quantity of material to be cut from the storage location.

2. Produce green boards	2.1 Use equipment in line with organisational safety procedures, manufacturer's instructions and environmental protection practices. 2.2 Set saw, carriage and feed; check and adjust regularly to suit conversion plan, ordered sizes and tolerances. 2.3 Monitor timber quantity to ensure constant supply to the saw. 2.4 Maintain feed rate to optimise production without damaging boards or saw blade. 2.5 Dispose of incorrect cuts, off-cuts and sub-standard boards in line with environmental protection practices. 2.6 Stack material safely in line with work order. 2.7 Identify routine processing problems and resolve or report to appropriate personnel.
3. Complete operator maintenance	3.1 Follow organisational safety procedures to lock out equipment. 3.2 Check saw blades for bluntness or damage. 3.3 Remove and replace saw blades in line with manufacturer's recommendations. 3.4 Dispose of used blades in line with and environmental protection practices. 3.5 Complete basic non-specialist maintenance for equipment. 3.6 Keep machine clear of dust and debris in line with organisational safety procedures. 3.7 Record and report equipment faults and maintenance requirements to appropriate personnel.

Foundation Skills

This section describes those core and employment skills that are essential to performance and are not explicit in the performance criteria.

Numeracy skills to:	• identify quantities of required material within work orders and count numbers of flitches or cants to be sawn • interpret order sizes and set up saws to achieve correct depth, width and thickness of cut • calculate the feed rate to optimise quality and quantity of production output.
Oral communication skills to:	• ask open and closed probe questions and actively listen to clarify contents of work orders.

Reading skills to:	• interpret detailed familiar and unfamiliar: • workplace health and safety and other organisational procedures • work orders • manufacturers' instructions and maintenance recommendations.
Writing skills to:	• complete accurate basic records for equipment faults and maintenance requirements.
Planning and organising skills to:	• efficiently and logically sequence the stages of preparation and production using work order to guide activities.
Problem-solving skills to:	• identify and dispose of incorrect cuts and sub-standard boards • identify processing problems and faulty equipment and resolve by reporting or rectifying

Range of Conditions

Not Applicable

Unit Mapping Information

FPISAW3202B Produce sawn green boards

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0d96fe23-5747-4c01-9d6f-3509f8d3d47>